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 **PALM INTRANET**

## Inventor Information for 10/761120

<b>Inventor Name</b>	<b>City</b>	<b>State/Country</b>
KUEHNLE, MANFRED R.	LINCOLN	MASSACHUSETTS

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign I
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1	US 7025705 B2	20060411	Toroidal transmission	475/331	310/254; 310/261; 475/344; 476/72; 74/424.94	Kuehnle; Manfred R.
1	US 6706394 B2	20040316	Method and apparatus for manufacture of magnetizable microparticles	428/402	427/127; 427/216; 427/221; 428/329; 428/403; 428/404; 428/407; 428/842.1; 428/900; 435/173.1; 436/526	Kuehnle; Manfred R. et al.
1	US 6617153 B2	20030909	Portable magneto-mechanical delivery device and method for delivery of reactive substances	435/285.1	435/173.5; 435/283.1; 435/285.3; 435/440; 435/455; 435/459	Kuehnle; Adelheid et al.
1	US 5960936 A	19991005	Digital precision positioning system	198/807	198/810.03	Kuehnle; Manfred R. et al.
1	US 5912692 A	19990615	Printing device with M-tunnel write head	347/123		Kuehnle; Manfred R.
1	US 5886722 A	19990323	Microchannel marking engine	347/104	346/140.1; 347/55	Kuehnle; Manfred R.
1	US 5886450 A	19990323	Toroidal electrical motor/generator	310/261	310/156.19; 310/159; 310/164; 310/254; 310/258; 310/268	Kuehnle; Manfred R.
1	US 5879518 A	19990309	Method and apparatus for producing small particles of consistent size shape and structure	204/164	204/178; 422/186.22; 422/186.26; 422/186.27	Kuehnle; Manfred R.
1	US 5863273 A	19990126	Toroidal transmission and method and apparatus for making and assembling same	475/331	74/424.94	Kuehnle; Manfred R.
1	US 5832731	19981110	Expandable piston rotary machine	60/595	123/151; 417/380	Kuehnle; Manfred R.

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1	US 5812170 A	19980922	Electrostatic printing method and apparatus employing a whisker write head	347/151	347/147; 399/175	Kuehnle; Manfred R. et al.
1	US 5784923 A	19980728	Toroidal drive system and method of assembling same	74/465	475/345; 475/347; 74/424.94	Kuehnle; Manfred R.
1	US 5774153 A	19980630	Digital precision positioning system	347/129	347/154	Kuehnle; Manfred R. et al.
1	US 5756197 A	19980526	Metal-pigmented composite media with selectable radiation-transmission properties and methods for their manufacture	428/323	428/328; 428/332; 428/458; 428/461; 428/498	Statz; Hermann et al.
1	US 5679412 A	19971021	Method and apparatus for producing gas impermeable, chemically inert container structures for food and volatile substances	427/534	118/723MW; 118/723R; 118/723VE; 427/237; 427/238; 427/248.1; 427/255.7; 427/296; 427/307; 427/322; 427/419.2; 427/419.7; 427/536; 427/585; 427/595	Kuehnle; Manfred R. et al.
1	US 5602632 A	19970211	Belt applicator for developing ink or toner on a print member	399/265		Kuehnle; Manfred R.
1	US 5581290 A	19961203	Heating and cooling roller for electrostatic printing	347/115		Kuehnle; Manfred R.
1	US 5552817 A	19960903	Electrothermal printing ink with monodispersed synthetic pigment particles and method and apparatus for electronic printing therewith	347/115		Kuehnle; Manfred R.
1	US 5534056 A	19960709	Composite media with selectable radiation-transmission properties	106/455	106/31.65; 106/31.9; 106/403; 106/419; 106/425;	Kuehnle; Manfred R. et al.

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1	US 5527386 A	19960618	Composite media with selectable radiation- transmission properties	106/481	106/31.9; 106/403; 106/419; 106/425; 106/437; 106/452; 106/455; 252/584; 252/586; 252/588; 257/E31.051; 424/401; 424/59	Statz; Hermann
1	US 5516670 A	19960514	Magnetophoretic particle delivery method and apparatus for the treatment of cells	435/459	423/634; 435/173.1; 435/470; 435/471; 514/44	Kuehnle; Adelheid R. et al.
1	US 5406314 A	19950411	Electrothermal printing ink with monodispersed synthetic pigment particles and method and apparatus for electronic printing therewith	347/115	347/123	Kuehnle; Manfred R.
1	US 5344489 A	19940906	Synthetic, monodispersed color pigments for the coloration of media such as printing inks, and method and apparatus for making same	106/442	106/447; 106/482; 106/483; 106/491; 427/219; 427/220	Matijevic; Egon et al.
1	US 5343234 A	19940830	Digital color proofing system and method for offset and gravure printing	347/128		Kuehnle; Manfred R.
1	US 5325120 A	19940628	Electrostatic reproduction apparatus having a dielectric ink-phobic imaging member and field-emission write head	347/113	347/115; 347/128; 355/406; 399/130	Kuehnle; Manfred R.
1	US	19940607	Synthetic, monodispersed	106/499	106/442;	Matijevic;

	5318628 A		color pigments for the coloration of media such as printing inks, and method and apparatus for making same		106/471; 106/481; 106/491	Egon et al.
1	US 5248556 A	19930928	Systhetic whitener pigment	428/403	106/442; 106/481; 106/482; 106/492; 428/404; 428/406	Matijevic; Egon et al.
1	US 5211995 A	19930518	Method of protecting an organic surface by deposition of an inorganic refractory coating thereon	427/570	427/571; 427/572; 427/573; 427/574; 427/575; 427/579	Kuehnle; Manfred R. et al.
1	US 5128111 A	19920707	Appartus for making inorganic webs and structures formed thereof	422/254	117/202; 117/212; 117/218; 117/27; 117/914; 117/915; 117/924; 117/932; 118/416; 118/422; 264/212	Kuehnle; Manfred R.
1	US 5063538 A	19911105	Optoelectronic signal recording medium and method of making same	365/106	396/661; 428/689; 428/698; 428/699; 428/700; 428/702; 430/60; 430/84	Kuehnle; Manfred R.
1	US 5029156 A	19910702	Method and means for reading electronic signal patterns stored on a movable image recording surface	369/126	347/120; 347/129; 365/118; 369/101; 369/97	Kuehnle; Manfred R.
1	US 4897731 A	19900130	Method and means for reading electronic signal patterns stored on a movable image recording surface	386/128	250/472.1; 347/120; 347/129; 365/118; 399/66	Kuehnle; Manfred R.
1	US	19890829	Optoelectronic recording tape	365/106	396/661;	Kuehnle;

	4862414 A		or strip comprising photoconductive layer on thin, monocrystalline, flexible sapphire base		428/689; 428/698; 428/699; 428/700; 428/702; 430/84	Manfred R.
1	US 4848008 A	19890718	Therapeutic shock-absorbing shoes	36/35R	36/36R; 36/37	Kuehnle; Manfred R. et al.
1	US 4788426 A	19881129	Interactive image recording method and means	250/580	250/311; 347/122; 347/137; 358/400; 369/101; 396/661	Kuehnle; Manfred R.
1	US 4628367 A	19861209	Method and device for reading digital data in an optical mass memory system using electrophotography	369/112.13	348/96; 359/212; 359/221; 369/112.23; 430/31	Kuehnle; Manfred et al.
1	US 4566781 A	19860128	Method of apparatus for liquid developing of electrostatic images in an electrophotographic imaging system including a looped image carrier	399/240	355/77; 430/117	Kuehnle; Manfred R.
1	US 4561730 A	19851231	Synthetic resin lens system for imaging apparatus	359/715	359/740; 359/775	Lawson; John A. et al.
1	US 4556309 A	19851203	Electrophotographic imaging apparatus, particularly for color proofing and method	399/166	399/297	Weber; Harold J. et al.
1	US 4547061 A	19851015	Electrophotographic imaging apparatus and method particularly for color proofing	399/178	355/77; 399/170	Weber; Harold J. et al.
1	US 4526357 A	19850702	Electro-static sheet feeding method and apparatus	271/18.2	271/128; 271/193; 271/35	Kuehnle; Manfred R. et al.
1	US 4521097 A	19850604	Electrophotographic image recording method and apparatus	399/143	399/159; 399/328; 399/357; 430/126	Kuehnle; Manfred R. et al.
1	US 4515879 A	19850507	Optical mass memory system using electrophotography	430/31	358/480; 365/234; 430/396; 430/945;	Kuehnle; Manfred R. et al.

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1	US 4510225 A	19850409	Electrophotographic method for producing an opaque print	430/126	428/203; 428/206; 430/124; 430/13; 430/14; 430/18; 430/291; 430/950; 430/952	Kuehnle; Manfred R. et al.
1	US 4510223 A	19850409	Multicolor electrophotographic imaging process	430/44	430/42; 430/45; 430/47	Kuehnle; Manfred R. et al.
1	US 4504138 A	19850312	Method and apparatus for developing electrostatic latent images	399/240	355/77; 430/119	Kuehnle; Manfred R. et al.
1	US 4468707 A	19840828	High speed imaging of electrophotographic film by fine beam scanning	358/300	358/1.9; 358/491	Kuehnle; Manfred R. et al.
1	US 4460297 A	19840717	Orbital method and apparatus for making helical races	409/293	409/132; 409/168; 409/307; 409/314; 451/141; 451/52	Kuehnle; Manfred R.
1	US 4456367 A	19840626	Toning system for electrostatic imaging apparatus	399/233	355/77; 399/241; 430/117	Szymanski; Michael J. et al.
1	US 4455039 A	19840619	Encoded security document	283/83	283/58; 283/82; 283/901; 283/904	Weitzen; Edward H. et al.
1	US 4435071 A	19840306	Method and means for reducing frame effect in electrographic images on microfiche	399/141	355/74; 355/77; 399/358; 430/117	Kuehnle; Manfred R.
1	US 4428000 A	19840124	High speed imaging of electrophotographic film by fine beam scanning	358/300	347/129	Kuehnle; Manfred R. et al.
1	US 4427999 A	19840124	High speed imaging of electrophotographic film by fine beam scanning	358/300		Kuehnle; Manfred R. et al.
1	US 4419005 A	19831206	Imaging method and apparatus	399/297	118/56; 118/641; 399/131; 430/126;	Kuehnle; Manfred R.

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1	US 4419004 A	19831206	Method and apparatus for making transparencies electrostatically	399/297	118/56; 118/641; 399/131; 430/126; 430/130; 430/136	Kuehnle; Manfred R.
1	US 4410260 A	19831018	Toning apparatus and method	399/240	355/77; 430/117	Kuehnle; Manfred R.
1	US 4394084 A	19830719	Low-profile electrophotographic copying machine	399/107	355/66	Kuehnle; Manfred R.
1	US 4363711 A	19821214	Method of making photoconductive coating	204/192.26	204/192.12; 204/192.14; 204/192.25; 430/128; 430/133	Kuehnle; Manfred R.
1	US 4358195 A	19821109	Electrophotographic color proofing apparatus	399/146	355/32; 355/77; 355/88; 399/166; 399/170; 430/42	Kuehnle; Manfred R. et al.
1	US 4338018 A	19820706	Light scanning assembly for electrophotographic printing plate making apparatus	399/151	355/67; 355/77; 399/206; 399/220	Kuehnle; Manfred R. et al.
1	US 4332459 A	19820601	Plate making attachment for graphic art cameras	399/240	355/77; 399/249; 430/31	Kuehnle; Manfred R.
1	US 4331526 A	19820525	Continuous sputtering apparatus and method	204/192.13	204/192.14; 204/192.22; 204/192.26; 204/192.29; 204/298.24	Kuehnle; Manfred R.
1	US 4329043 A	19820511	Multiple copy electrophotographic reproducing apparatus	399/38	399/145; 399/49	Kuehnle; Manfred R.
1	US 4322488 A	19820330	Developing latent electrostatic images using a liquid toner and a development electrode	430/103	430/119	Kuehnle; Manfred R. et al.
1	US 4297919 A	19811103	Mechanical power transmission method and means	475/345	475/331; 475/347; 475/904;	Kuehnle; Manfred R.



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1	US 4294678 A	19811013	Apparatus and method for preventing contamination of sputtering targets	204/192.12	204/298.11	Kuehnle; Manfred R.
1	US 4286031 A	19810825	Electrostatic multicolor composite printing method and apparatus	430/44	101/131; 101/211; 101/216; 101/489; 101/DIG.37; 399/223; 430/126; 430/47	Kuehnle; Manfred R. et al.
1	US 4278528 A	19810714	Rectilinear sputtering apparatus and method	204/298.11	204/192.12; 204/298.16; 204/298.24	Kuehnle; Manfred R. et al.
1	US 4275957 A	19810630	Offset plate image transfer attachment for graphic art cameras	399/164	399/237	Kuehnle; Manfred R. et al.
1	US 4269919 A	19810526	Inorganic photoconductive coating, electrophotographic member and sputtering method of making the same	430/67	204/192.26; 252/501.1; 427/74; 430/133; 430/66; 430/84; 430/87; 430/90; 430/94; 430/95	Kuehnle; Manfred R.
1	US 4266869 A	19810512	Apparatus and method for making lithographic printing plates	399/151	355/77; 399/206; 399/249	Kuehnle; Manfred R. et al.
1	US 4264199 A	19810428	Unitary optical system mounting component for imaging apparatus	355/66	399/107; 399/221	Kuehnle; Manfred R.
1	US 4262998 A	19810421	Electrophotographic attachment for use with an optical projecting system	399/241	355/77; 399/297; 430/117	Kuehnle; Manfred R. et al.
1	US 4259005 A	19810331	Device and method for developing latent electrostatic images	399/238	396/606; 430/103; 430/119	Kuehnle; Manfred R.
1	US	19810324	Endless belt or cylinder for	430/94	204/192.25;	Kuehnle;

	4258113 A		use with electrostatic imaging and method of making the same		204/192.26; 399/146; 399/162; 430/135	Manfred R.
1	US 4255508 A	19810310	Flexible metal printing cylinder having a coating of crystalline photoconductive material	430/94	101/458; 101/DIG.37; 204/192.15; 399/159; 430/63; 430/84	Kuehnle; Manfred R.
1	US 4242433 A	19801230	High speed electrophotographic medium	430/67	399/159; 430/55; 430/66	Kuehnle; Manfred R. et al.
1	US 4241160 A	19801223	Multiple copy electrophotographic reproducing method	430/124	430/126; 430/54; 430/87; 430/88; 430/94	Kuehnle; Manfred R.
1	US 4240125 A	19801216	Corona generating element	361/230		Kuehnle; Manfred R.
1	US 4236812 A	19801202	Image recording method for electrophotographic film	399/47	355/67; 399/48; 430/35	Kuehnle; Manfred R.
1	US 4236807 A	19801202	Modular electrophotographic copying machine	399/110	399/118	Kuehnle; Manfred R.
1	US 4204865 A	19800527	Direct-imaging flexible offset printing plate and method of manufacture	430/30	101/453; 101/463.1; 101/465; 430/302; 430/56	Kuehnle; Manfred R. et al.
1	US 4173407 A	19791106	Electrophotographic contact duplicating apparatus and method	399/50	399/140; 399/161; 430/31	Kuehnle; Manfred R.
1	US 4170475 A	19791009	High speed electrophotographic method	430/103	365/112; 430/66	Kuehnle; Manfred R. et al.
1	US 4155640 A	19790522	High speed electrophotographic imaging system	399/136		Kuehnle; Manfred R. et al.
1	US 4151064 A	19790424	Apparatus for sputtering cylinders	204/298.28	118/218; 118/320; 118/33; 118/416; 118/503;	Kuehnle; Manfred R.

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1	US 4151059 A	19790424	Method and apparatus for sputtering multiple cylinders simultaneously	204/192.26	204/192.15; 204/298.24	Kuehnle; Manfred R.
1	US 4133906 A	19790109	Method of toning an electrophotographic film	430/119	399/240; 427/429	Kuehnle; Manfred R.
1	US 4076406 A	19780228	Method of and apparatus for toning electrophotographic film	399/241	399/249; 430/103	Talmage; Peter Guy et al.
1	US 4049963 A	19770920	Photoelectric measuring device	250/214.1	257/E31.093	Kuehnle; Manfred R.
1	US 4028992 A	19770614	Method and means for making helical races	409/132	409/167; 409/199; 451/123	Kuehnle; Manfred R.
1	US 4026787 A	19770531	Thin film deposition apparatus using segmented target means	204/298.24	204/192.26	Kuehnle; Manfred R.
1	US 4025339 A	19770524	Electrophotographic film, method of making the same and photoconductive coating used therewith	430/63	204/192.26; 204/298.08; 428/697; 428/702; 430/84; 430/87; 430/90; 430/94; 430/95	Kuehnle; Manfred R.
1	US 4014779 A	19770329	Sputtering apparatus	204/298.08	204/192.12; 204/298.09	Kuehnle; Manfred R.
1	US 4013539 A	19770322	Thin film deposition apparatus	204/298.24	118/718; 204/298.09; 432/236	Kuehnle; Manfred R.
1	US 4006986 A	19770208	Image recording apparatus for electrophotographic film	399/141	355/71; 399/335	Kuehnle; Manfred R.
1	US 3985437 A	19761012	Electrostatic image recording device having partially collapsible toner applicator	399/246	222/214; 396/583	Kuehnle; Manfred R.
1	US 3973956 A	19760810	Electrophotographic process employing signal comparison	430/55		Kuehnle; Manfred R.
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1	US 3936178 A	19760203	Apparatus for large scale screen display of images	399/158	399/353	Kuehnle; Manfred R.
1	US 3905887 A	19750916	Thin film deposition method using segmented plasma	204/192.15	204/192.14; 204/192.25; 204/298.24	Kuehnle; Manfred R.
1	US 3884787 A	19750520	Sputtering method for thin film deposition on a substrate	204/192.12	118/718; 204/192.13; 204/192.14; 204/192.26; 204/298.24	Kuehnle; Manfred R.
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1	US 3743817 A	19730703	DATA CARD TERMINAL	235/452	137/624.11; 137/83; 73/156; 73/37	Kuehnle; Manfred R.
1	US 3705294 A	19721205	DATA CARD AND METHOD OF ENCODING SAME	235/487	235/495	Kuehnle; Manfred R. et al.
1	US 3697176 A	19721010	A SYSTEM FOR RECORDING DATA ON MICROFICHE AND FOR VIEWING AND MAKING PRINTS OF THE RECORDED DATA	355/45	355/27; 355/53; 355/60; 355/66; 355/86; 399/140	Kuehnle; Manfred R. et al.
1	US 3555201 A	19710112	ELECTRONIC REPERTORY DIALER	379/357.04	379/422	Kuehnle; Manfred R. et al.
1	US 3495229	19700210	AUTOMATIC TELEPHONE DIALING APPARATUS	360/1	379/265.01	KUEHNLE MANFRED

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1	US 3336446 A	19670815	Dialing mechanism using an independently rotatable synchronous motor drive [TEXT AVAILABLE IN USOCR DATABASE]	379/363	341/190; 379/365; 379/366; 379/367	KUEHNLE MANFRED R
1	US 3242755 A	19660329	Toroidal transmission [TEXT AVAILABLE IN USOCR DATABASE]	74/424.5		KUEHNLE MANFRED R
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1	US 3231685 A	19660125	Data storage system record drive mechanism [TEXT AVAILABLE IN USOCR DATABASE]	360/90	346/136; 352/103; 352/126; 352/232; 360/131; 74/424.74	KUEHNLE MANFRED R
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